



FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.
PA 1239SERIAL NO.
O 8/481,685APPLICANT
Galloway, et al.FILING DATE
~~6/7/95~~ 7-23-97GROUP
1315 1772

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
U	AM	4871405	10/3/89	HOEL	562	117	
C	AM	5064797	11/12/91	STRICKLEN	502	111	
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

U	AM	J. Chowdbury, "Polymers by Blueprint." Chemical Engineering vol. 100, no. 4, p. 34
C	AS	D. Rotman, "Carbide to debut Unipol Technology at new plant," Chemical Week (3/10/93)
C	AT	"Union Carbide Unveils Unipol II Process." plastics Focus vol. 25 no. 5 (3/8/93)

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Galloway, et al.

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ART (Including Author, Title, Date, Pertinent Pages, Etc.)

c	AN	-	"Union Carbide Unveils Unipol II. Next generation polyethylene products" (3/1/93)					
c	AS	-	K. Sinclair, "New Polyolefins from Engineering Catalyst Technologies," SPEJ Polyolefins. VIII Int'l Conf.					
c	AT	-	E. Kiesehe, "Catalysts, Additives, Environment Head Up CMRA Meeting Agenda, Chemical Week Associates p. 10 (2/3/93)					

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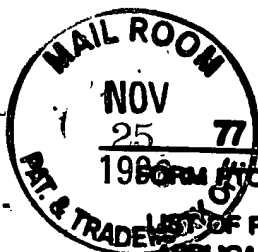
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C	AN	R. Leaversuch, "Reformulations, Redesigns, Upgrade Blood Devices Modern Plastics vol. 70, no. 2, p. 44 (2/93)
C	AS	R. Leaversuch, "New Process Technologies May Expand Properties, Markets," Modern Plastics vol. 70 no. 1, p. 58 (1/93)
C	AT	M. Edmondson, "CGCT : New Rules for Ethylene Alpha-Olefin Interpolymers-Processing." ANTEC 1993 pp. 63-65 (2/93)

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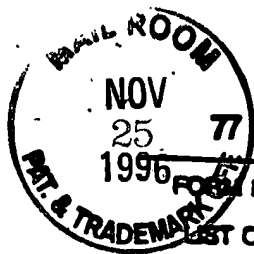
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Galloway, et al.

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a	AR	- S. Lai, "Dow Constrained Geometry Catalyst Technology (CGCT)
		- ANTEC 1993 pp. 1188-1192
g	AS	- D. Van der Sanden, "A New Family of Linear Ethylene Polymers
		with Enhanced Sealing Performance," ANTEC 1993 pp. 46-50
c	AT	- R. Patel, "Investigation of Processing Structure-
		Properties Relationship in Polyethylene Blown Films," ANTEC 199

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a	AN	-	T. Butler, "Blown Film Bubble Forming and Quench Effects on Film Properties," ANTEC 1993 pp. 51-57
a	AS	-	L. Woo, "Thermoplastic Elastomer Behavior of Ultra Low Density Polyethylene and a Comparison with Flexible PVC," ANTEC 1993
a	AT	-	B. Storr, "The New Family of Polyolefins from INSITE Technology
		-	METCON Conference 1993

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u	AR	J. Stevens, "INSITE Catalyst Structure/Activity Relationships for Olefin Polymerization," METCON Conference, 1993
u	AS	K. Swogger, "Process Technology for Unique Polymer Design Using Dow CGC," SPE International RETEC
u	AT	S. Moore, "Crystalline PS is Claimed to Yield Engineering Resin Performance," Modern Plastics vol. 69, no. 11, p. 30 (11/92)

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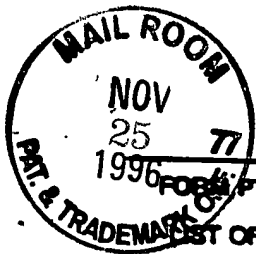
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u	AR	—	R. Martino, " New Polyolefin Resins Emerge: "Branched Linear Copolymers, " Modern Plastics pp. 20-25 (11/92)
		—	
u	AS	—	G. Schwank, " Selected Applications for Constrained Geometry Catalyst Technology. " SPO 1992 (9/13/92)
		—	
u	AT	—	J. Sherman, " Polyolefins, " Chemical Engineering vol. 99 , no. 8 p. 61
		✓	

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h	AM	✓	A. Wood, "Metallocenes- The Race to Breed a New Generation of Catalysts, " Chemical Week p. 42 (7/1-8/92)
h	AS	✓	R. Leaversuch, "Battle for Octene-Equivalency in LLDPE Film Hea Up," Modern Plastics pp. 24,26 (6/92)
h	AT	✓	A. Wood, "The Polyefin Revolution," Chemical Week p. 52 (5/13/9

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c	AR	B. Miller, "New Film Resins Push Performance," Plastics World vol. 50, no. 6, p. 46
c	AS	G. Llinas, "Crystalline-Amorphous Block Polypropylene," Macromolecules vol. 25 pp. 1242-1253 (1992)
c	AT	B. Trudell, "Single Site Catalyzed Ethylene Copolymers," ANTEC 1992 pp. 613-617

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a	AR	R. Leaversuch, "Polyefins Gain Higher Performance from New Catalyst Technologies, " Modern plastics pp. 46-47
b	AS	T. Nifant'ev, "ansa-Metallocene Derivatives of Ti and Zr, "Journal of Organometallic chemistry vol. 435 pp. 37-42
c	AT	J. Chien, "Metallocene Catalysts for Olefin Polymerization, " Journal of Polymer Science vol. 30 pp. 2601- 2617 (1992)

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	APPLICANT Galloway, et al. 899,410	
	FILED DATE 6/7/95 7-23-95	GROUP 1315 1772

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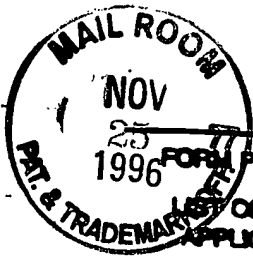
OTHER			ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
C	AR		C. Sishta, "Group 4 Metallocene Allumoxane Olefin Polyme ization Catalysts," J. of Am. Chem. Soc. vol. 114 (1992					
C	AS		S. Collins, "Polymerization of Propylene," Macromolecule vol. 25, pp. 1780-1785 (1992)					
C	AT	4	K. Swogger, "The Material Properties of Polymers," SPO 1992 Meeting pp. 155-165					

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FORM PTO-1440 (Modified)

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Galloway et al

899,410

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u	AR	D. Mc Keever, "Dow Plastics Editor Briefing (12/17/91)
u	AS	"Exxon cites Breakthrough in Olefin Polymerization," Modern Plastics, vol. 68, no. 7, p. 61 (7/91)
u	AT	D. Van der Sanden, "A New Family of Linear Ethylene Polymers," TAPPI Proceedings, pp. 289-296 (1991)

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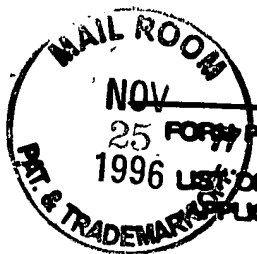
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a	AR	-	"Dow's 1992 Ended with a Welcome Surprise, Thanks to the U.S. Patent Office"
a	AS	-	W. Kaminsky, "Structure Dependence of Polypropylenes"
c	AT	-	J. Chien, "Stereochemical Control of Synthesis of Polyolefins Having New Structures"

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u	AN	N. Herfert, "Copolymerization of Ethene and alpha-Olefins with Stereorigid Metallocene/MAO Ziegler Catalysts"
u	AS	S. Collins, "Copolymerization of Dienes in the Presence of Cationic Metallocene Catalysts"
u	AT	R. Grubbs, "Ring Opening Metathesis Polymerization Catalysts"

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Q	AR	T. Yu, Polyolefin Modification with EXACT Plastomers"
Q	AS	G. Knight, "Constrained Geometry Catalyst Technology: New Rules"
Q	AT	G. Godwin Ltd., "Flow Properties of Polymer Melts" p. 71 (1981)

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REFERENCE DESIGNATION

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u	AR	J. Dealy, "Melt Rheology and it's Role in Plastics Processing" pp. 374-376 (1990)
u	AS	R. Waymouth, "Cyclopolymerization of Dienes in the Presence of Cationic Metallocene Catalysts"
u	AT	R. Fries, "Organometallic Modified Polyolefin Catalysts for Er Molecular Properties"

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. PA- 1239	SERIAL NO. O 8/481,685
	APPLICANT Galloway, et al. 899,410	
	FILING DATE 6/7/95 1-23-97	GROUP 1315 1772

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
u	AR	D. Van der Sanden, "A New Family of Linear Ethylene Polymers with Enhanced Sealing Performance" ANTEC 1993
u	AS	"Polymers are Commercial," Food Packaging p. 72 46- 5 (2/93)
g	AT	

EXAMINER MSH	DATE CONSIDERED 6/97
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C	AM	0	12	0	50	3	3/84	EPA			
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C	AR							B. C. Childress, "Properties of Homogeneous and Heterogeneous Polyolefins," (May 1994)			
C	AS							S. Lai, "Dow Rheology Index (DRI) For Insite Technology Polyolefins (ITP)," ANTEC 1994			
C	AT							T. Plumley, "Rheological Molding of INSITE Technology Polymers," ANTEC 1994			

EXAMINER H. H.	DATE CONSIDERED 4/97
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u	AM	K. Sehanobish, "Effect of Chain Microstructure on Modulus of Ethylene Alpha Olefin Copolymers, J. App. Pol.
u	AS	D. Schwank, Single-Site Metallocene Catalysts Yield Tailor-Made Polyolefin Resins," Mod. Plastics 8/93
u	AT	D. Schwank, "A New Family of Resins," Converting Mag. 10/93

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h	AR	✓	D. Schwank, A New Family of Resins - Part II,"
		✓	Converting Mag. 10/93
h	AS	✓	K. Swogger, "Novel Mol. Structure Opens Up for New
		✓	Applications for Insite Based Polymers," SPO 1993
h	AT	✓	R. Barry, "Designed Polymers with INSITE Tech.,"
		✓	MAACK 10/93

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(Information Disclosure Statement—Section 9 PTO-1449 (Modified) [6-1]—page 20 of 22
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a	AR	<input checked="" type="checkbox"/>	L. Mergenhagen, "Poly Plastomers as Sealants in Packaging Applications," TAPPI 9/93
4	AS	<input checked="" type="checkbox"/>	G. Lancaster, "Global Prod. and App. Development Utilizing Insite Tech.", METCON 5/93
c	AT	<input checked="" type="checkbox"/>	J. Stevens, "INSITE Catalyst Str./Activity Relationships for Olefin Polymerization," METCON 5/93

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a	AK	K. Swogger, Improving Polymer Processability Utilizing
		C. G. S. S. Catalyst Tech., NPEC 6/94
a	AS	C. Pappas, "AFFINITY Poly. Plastomers and ENGAGE Poly.
		Elastomers." CMSR 5/94
c	AT	Encyclopedia of Polymer Science & Technology, 1987
		vol. 7, pp. 88-89

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